

ABSTRACT OF THE DISCLOSURE

A method of supplying channel information in a wireless communication system comprises a mobile terminal normally providing a basic channel report to the wireless communication system; the mobile terminal receiving at least one common feedback criterion broadcast to a plurality of mobile terminals; the mobile terminal determining if the mobile terminal satisfies a condition based on the at least one common feedback criterion; and the mobile terminal selectively providing an enhanced channel report to the wireless communication system based on the determining. The basic channel report may comprise information related to a first set of channel parameters, and the enhanced channel report may provide greater detail on the first set of channel parameters and/or relate to a second set of channel parameters. A method of a base station adaptively controlling channel information reporting by broadcast transmitting at least one common feedback criterion is also presented.